



Glenn Schatz  
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Docket 15-105

RE: Office of Engineering and Technology and Wireless Telecommunications Bureau seek information on current trends in LTE-U and LAA technology

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Based in Annapolis, Maryland, Link Labs is a veteran-owned business with customers around the world. We are a leading innovator in low-power, wide-area networks for the Internet of Things (IoT). Our patented Symphony technology provides secure two-way, end-to-end connectivity and extends the operating life of Internet-connected devices, saving our customers significant time and money when deploying and managing IoT applications. Link Labs technologies power a range of applications across industries, including agriculture, automotive, healthcare, government, retail, and utilities. Our customers use Link Labs networks to improve how they manage crops, operate municipal services, track retail goods, and more.

At Link Labs, we build small things for our customer's big IoT ideas. Our business is powered by a team of problem-solving engineers who are trying to bring wireless communications to things that have never been connected before. Most of our solutions rely on the availability of unlicensed wireless spectrum and the presence of clear and consistent rules that help ensure that our customer's devices can connect to a Link Labs network free from interference.

For this reason, we commend the FCC on its decision to issue a Public Notice with respect to current trends in LTE-U and LAA technology. We believe the right time to collect information about this new technology is before it is deployed in the marketplace. Link Labs, of course, welcomes new users of spectrum to the marketplace and we are confident that new technologies – including the LTE-U format that is the subject of this inquiry – can be engineered to operate in unlicensed spaces alongside existing technologies. We believe data collection that is part of this Public Notice will help ensure that the new technologies will incorporate standards and protocols that allow different technologies to share spectrum without interference.



We are grateful the Commission is looking closely at this issue to ensure that all users can share unlicensed spectrum in a transparent manner that allows companies large and small to develop connectivity solutions for our customers. We ask you to take particular care to ensure that the unique open character of unlicensed spectrum as a *permission-less* sandbox for innovation is strengthened and preserved, and that no technology inadvertently weakens or coopts already-scarce unlicensed frequencies. To ensure that there continues to innovation, R&D and investment in technologies that use unlicensed spectrum, it is critical that the Commission work to confirm that new innovations and technologies will not depress or limit the possibilities or capabilities of technologies utilizing unlicensed spectrum.

Thank you for considering our views on this important issue.

Sincerely,

A handwritten signature in black ink, appearing to read 'GS', is written over a light blue horizontal line.

Glenn Schatz